M. A. R. 57 (Rule 116)
Measurement Book

No. D 247901

Serial No Development of Green Spaces & Parks to Un field lay-out
Name of work Main road plants,... From inward No. To 05 Jakkur,
Name of Contractor of nature of Agency Yelahanka Zone : Sri. Mahesh. K.N.
Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Approved Contents: Rate	Reference to last Measurement: Amount
1	2	3	4	Unit	Quantity		
	B) Horticulture works:						22690/=
88)	Removal of dried leaves waste & clearing of the area as directed by the Engineer incharge of the area.			Sq M	4786.86	4.74	22707.63
89)	Digging Pits of Size 0.75M x 0.75M x 0.75M for planting of Trees filling up To 50% of the pits with top excavated Soil & remaining 50% with the mixture of Sand (0.007 cum), FYM (0.014 cum) Red earth (0.021 cum) ie, in the Proportion of 1:2:3) Exclusive of cost of plants & inclusive ingredients.			Each	50.00	257.46	12873.17
90)	Supply and planting trees 5' height as			Each	50.00	209.90	10495.00

Paid by
Cash Rs. .....

Signature of Officer making Payment

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Directed by the engineer incharge of the work.						
91)	Supplying & stacking good quality Red earth for filling to layer to a Depth of 0.15M (7892 x 0.24) = 1174 cum as directed by the engineer in charge of the area.			cum	1148.00	460.47	528617.41
92)	Formation of soil by manual means In gravelly soil including breaking of clods & spreading to Required line & level forming cost of all materials labour etc complete. as per specifications (Excluding watering & Compaction of earth) with all lead & lift gravelly soil.			cum	1148.00	132.38	151976.75
93)	Digging pits of size 0.45x0.45x0.45			Each	1000.00	59.18	59181.31

M. A. R. 57 (Rule 116)
Measurement Book

No. D 247902

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	For planting shrubs in isolated filling up to 50 % of the pits with top soil. Excavated soil & remaining 50 % with the mixture of sand (0.007 cum FYM (0.014 cum). Red earth (0.024 cum) i.e. in the preparation of 1:2:3) Exclusive of cost of the plants and inclusive incidentals as directed by the engineer incharge of the area						
94)	supply and planting trees as directed by the engineer incharge of the work.			Each	1000.00	78.71	78712.50
95)	Developing the area for shrubs by digging to a depth of 0.45m			89 SM	1476.12	26778	395274.81

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6		8
	filling 50% with Sand (0.0375 cum F.Y.M. (0.075 cum), Red earth (0.112 cum), (i.e in the proporation of 1-2-3) and planting with well established plants Exclusive of cost of plants & inclusive of ingredients.			unit	Rate	Rate	Amount
96)	Supply and planting trees as directed by the Engineer incharge of the work (5 plants per Sqm)			Sqm	1476.12	314.85	464755.80
97)	Developing the area for ground cover plants by digging to a depth of 0.45M, filling 50% of the area with excavated top soil and remaining 50% with Sand (0.0375 cum) FYM (0.075 cum) Red Earth (0.112 cum). (i.e, in the Preparation of 1-2-3)			Sqm			

Certified that the work and the contents are of reasonable nature and are within ... 117,32,480/-

M. A. R. 57 (Rule 116) **No. D 247903**
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4				
	Exclusive of cost of plants inclusive ingredients (5 plants per Sqm) as directed by the engineer incharge of the area			unit	Qnty	Rate	Amount
98)	Developing hedges by digging trenches of size 0.45m x 0.45m filling 50% of the tranch with excavated top soil & remaining 50% with the mixture of Sand (0.0112 cum) FYM (0.0224 cum) i.e, in the proportion of 1.2.3) Exclusive of cost of plants & inclusive ingredients.			Rmt	1220.12	87.54 ~~78.71~~	106807.83 ~~96038.70~~
99)	Supply & Planting trees as directed by the engineer incharge of the work (5 plants per Sqm)			Rmt	1220.12	78.71	96038.70

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5 unit	6 quty	7 Rate	8 Amount
100)	Providing & forming mound using red earth by filling, spreading and leveling to the required ground as per design.				cum 321.60	380.97	122517.99
101)	Cleaning the site by scrapping and removing top layer of soil, removing unwanted debris, grass along with excavated earth to a distance of 500m from the spot, including pathway area total area 8 sqm x 0.15m = 1800				sqm 2206.96	36.23	79955.53
102)	Earth work - digging including removing weeds, debris if any & breaking of clumps watering etc, pits 8 sqm x 0.45 as directed by the Engineer incharge of the area				sqm 2206.96	50.98	112521.42
103)	Digging for second time & removing weeds, if any minor leveling to 8 sqm				2206.96 25.49		56260.71

M. A. R. 57 (Rule 116) No. D 247904
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5 unit	6 quty	7 Rate	8 Amount
	Depth of 0.45 as directed by the Engineer incharge of the area.				cum		
104)	Supplying & stacking good quality Red earth. after for filling the top layer to depth of 0.15m (1x1x0.15) (2300.0.15=345) as directed by the Engineer incharge of the area				331.04	460.47	152435.49
105)	Providing Sand. F/M and red earth in the ratio of 1:3:6 and spreading to a depth of 7.5 cm at the required site. Red earth (0.045 cum/sqm) Rs 12.66. as directed by the engineer incharge of the area				sqm 2206.96	159.19	351322.55

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				Unit	Qnty	Rate	Amount
106)	providing chemical fertilizers like Super phosphates (150 gm/sq.m. Rs 0.27/sq.m). Neem oil cake (250 gm/sq.m. Rs. 1.10 sq.m). Bone meal (250 gm/sq.m. Rs 2.75/sq.m) potash (50 gm/sq.m. Rs 0.23/sq.m). Furadon (2.5 gm/sq.m. Rs 0.75/sq.m) Ammonium Sulphate (100 gm/sq.m. Rs. 0.60/sq.m) as directed by the engineer incharge of the work. Unit is gm/sq.m.	gm	22064 96			5.90	130170.09
107)	Supply and fixing of Bermuda grass, as directed by the engineer incharge of the work.	sqm	2206 96			10.74	23694.82
108)	labour cost towards dibbling/laying of lawn, inclusive of mixing of ingredients application of manure & spreading (5x5 cum) as directed by the	sqm	2206 96			42.75	94339.19

M. A. R. 57 (Rule 116) No. D 247905
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency. .....
Date of commencement of work. .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4				
				Unit	Qnty	Rate	Amount
109)	Engineer incharge of the area. Supplying and planting of specimen plants including es. Digging pits of size 0.75m x 0.75m x 0.75m cu. Filling upto 50% of the pits with top Excavated soil & Remaining 50% with sand (0.035 cum). F.Y.M (0.070 cum) Red earth (0.105 cum). (ie, in the proportion of 1:2:3) And planting with well established plants. Exclusive of cost of plants & inclusive of ingredients. Digging pits of size 0.75m x 0.75m x 0.75m. & filling upto 50% of the pits with top excavated soil & Remaining 50% with sand (0.035 cum). F.Y.M.	Each	7000	2623.75		183662.50

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6		8
				unit	Qty	Rate	Amount
	(0.070 cum), Red Earth (0.105 cum) i.e, in the proportion of 1:2:3 And planting with well established plants. Exclusive of Cost of plants & inclusive of ingredients as directed by engineer incharge of the area (Carissa Opaca (240cm-300 cm ht)						
	Supplying & planting of Specimen plants including: Digging pits of size 0.75m x 0.75m x 0.75m & Filling up to 50% of the pits with top excavated soil and Remaining 50% with Sand (0.035 cum) F+M (0.070 cum) Red earth (0.105 cum) i.e, in the proportion of 1:2:3 And planting with well established plants.	Each	70.00			2623.75	183662.50

M. A. R. 57 (Rule 116) No. D 247906

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	unit	Qty	Rate	Amount
	Exclusive of Cost of plants & inclusive of ingredients. Digging pits of size 0.75m x 0.75m x 0.75m & filling up To 50% of the pits with excavated soil & Remaining 50% with Sand (0.035 cum) F+M (0.070 cum) Red earth (0.105 cum) ie, in the proportion of 1:2:3) & planting with well established plants. Exclusive of Cost of plants & inclusive of ingredients as directed by the engineer incharge of the area b) Ficus Benjamina standard (90cm-150 cm ht)						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				unit	unit	Rate	Amount
111)	c) Ficus Benjamina Black (90cm-150cm ht) supplying & planting of Specimen plants includes Digging pits of size 0.75M x 0.75M x 0.75M & filling upto 50% of the pits with top Excavated Soil and Remaining 50% with Sand (0.035 cum) FYM (0.070 cum) Red earth (0.105 cum) (i.e, in the proportion of 1:2:3) and planting with well established plants. Exclusive of cost of plants & inclusive of ingredients. Digging pits of size 0.75M x 0.75M x 0.75M & filling upto 50% of the pits with top Excavated Soil & remaining 50% with Sand (0.035 cum) FYM (0.070 cum) Red Earth (0.105 cum) i.e, in the proportion of 1:2:3). And planting with well				Each.	70.00	2623.75	183662.50

M. A. R. 57 (Rule 116)
Measurement Book

No. D 247907

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	unit	unit	Rate	Amount
112)	Established plants. Exclusive of cost of plants & inclusive of ingredients. as directed by the Engineer incharge of the area. supplying & planting of Specimen plants includes. Digging pits of size 0.75M x 0.25M x 0.75M & filling upto 50% of the pits with top Excavated soil & remaining 50% with Sand (0.035 cum) FYM (0.070 cum) Red earth (0.105 cum) (i.e, in the proportion of 1:2:3) and planting with well established plants. Exclusive of cost of plants & inclusive of ingredients Digging pits of size 0.75M x 0.75M x 0.75M & filling upto.				Each	70.00	2623.75	183662.50

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